

Community Image Advisory Board
Annual Retreat July 30th, 2014

Perspective on Performance Based Contracts for Operations & Maintenance



Rick Johnson
Manager of Operations and Maintenance

MDX at a Glance



- ☐ 5 Expressways in Miami-Dade County
- ☐ 34 Centerline Miles
- ☐ 222 lane miles, 127 bridges and 109 ramps
- ☐ 1.2 billion miles traveled last year
- ☐ Current Annual Maintenance budget of +/- \$6 million, includes MDX HQ, Facilities, Parcels. No tolling equipment, ITS, only structures and shelters
- ☐ Currently 3 of 5 corridors are ORT(all electronic) with the conversion of the other two by 2015
- ☐ MIC (Miami Intermodal Center) O & M and Master Development

Let's move **forward** together

Roadway Maintenance

□ Perception

2 Primary Functions:



Let's move *forward* together

1) Pick Up the Trash AND 2) Cut the Grass



Let's move **forward** together



And that which we live for...

1) Pick Up the Trash

AND

2) Cut the Grass

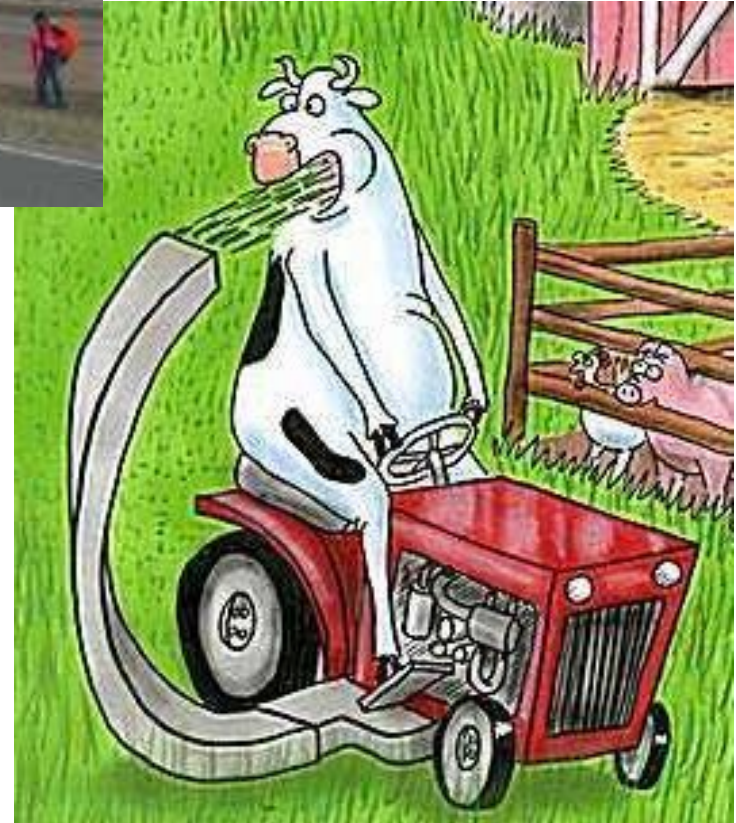


Let's move **forward** together



And eventually it is time
once again to ...

- 1) Pick Up the Trash
AND
- 2) Cut the Grass



Let's move **forward** together

We are not alone...



- ☐ Lack of maintenance
- ☐ Poor quality workmanship
- ☐ Got to be a better way

Let's move **forward** together



3) and maintain the landscaping.

Let's move **forward** together

□ Reality

- 4) Lighting maintenance
- 5) Utility locates
- 6) Signing maintenance
- 7) Pavement markings
- 8) Fence repair
- 9) Sweeping
- 10) Landscape maintenance
- 11) Vegetation control
- 12) Facility maintenance

Historical Maintenance Programs

- ❑ In-house Agency Maintenance Crews
- ❑ Single Trade Private Contracts
- ❑ Asset Maintenance Contracts



Let's move **forward** together

What We Liked about Standard Asset Maintenance

- ☐ Performance Based Measures
- ☐ Operational Efficiencies
- ☐ Third Party Subrogation
- ☐ Economy of Scale
- ☐ Good Fit for a Lean Staff...

But...



Let's move **forward** together

WE WANTED MORE

- Flexibility for...
 - ☐ System Expansion
 - ☐ Level of service
 - ☐ Change on the fly
- By Payment Structure
 - ☐ Trade/Task Related Break-outs
 - ☐ Quantification of Break-outs
 - ☐ Annual Lump Sum Payment
 - ☐ Cyclical Payments
 - ☐ Unit Cost Payments

Let's move **forward** together

LINE#	ITEM #	QUANTITY	UNIT	DESCRIPTION / UNIT PRICE			UNIT PRICE \$ (NUMERICAL)	TOTAL \$
Part A ANNUAL LUMP SUM PAY ITEMS								
1	GENERAL ROADWAY MAINTENANCE	280	LANE MILES WITH RAMPS EA YEAR	Perform all General Roadway Maintenance as referenced in the Scope of Services Section # 6.			\$0.00	\$0.00
				Unit Price in Words:		Dollars		
						Cents		
2	HQ FACILITIES	1	EA YEAR	Perform all MDX Headquarters Maintenance as referenced in the Scope of Services Section # 9 and 12.			\$0.00	\$0.00
				Unit Price in Words:		Dollars		
						Cents		
Part B CYCLICAL LUMP SUM PAY ITEMS								
3	LITTER ONLY INTERIM	36	EA CYCLE	Perform all Litter as referenced in the Scope of Services Section # 21 and 22 and Supplemental Specifications. This pay item shall only be used for interim litter cycles not done as part of mowing or landscape maintenance pay items.			\$0.00	\$0.00
				Unit Price in Words:		Dollars		
						Cents		
4	ROADSIDE MOWING	12	EA CYCLE	Perform all Roadside Mowing as referenced in the Scope of Services Section # 21 and 23 and Supplemental Specifications.			\$0.00	\$0.00
				Unit Price in Words:		Dollars		
						Cents		
5	LANDSCAPE MAINTENANCE	12	EA CYCLE	Perform all Landscape Maintenance as referenced in the Scope of Services Section # 21 and 25 and Supplemental Specifications.			\$0.00	\$0.00
				Unit Price in Words:		Dollars		
						Cents		
Part C UNIT COST PAY ITEMS								
6	102-1	50	LO	MAINTENANCE OF TRAFFIC (single lane closure per day) Refer to Scope of Services Section # 29			\$0.00	\$0.00
				Unit Price in Words:		Dollars		
						Cents		
7	339-1	100	TN	ASPHALT PAVEMENT MISCELLANEOUS (100 Lbs/inch/sy) Refer to Scope of Services Section # 32			\$0.00	\$0.00
				Unit Price in Words:		Dollars		
						Cents		
8	570-1-2	1,000	SY	PERFORMANCE TURF (SOD) Refer to Scope of Services Section # 36			\$0.00	\$0.00
				Unit Price in Words:		Dollars		
						Cents		

Let's move **forward** together

THANK YOU



MIAMI-DADE EXPRESSWAY AUTHORITY
www.mdxway.com



Let's move *forward* together // mdxway.com